BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate
Item No.

Name of Work: Estimate for Maintenance of Water Supply Existing Pump and Motor, Repairs of Pipe Lines, Providing additional new Pumps Motors, Gatewalls and Other Accoriseries in Thanisandra Surrounding area in Ward No. 06, Byatarayanaprua Sub Division.

Sl. No.	Approved Quantity	Description	Unit	Rates	
				In Figures	In Words
1	35	Lifting of Submersible pump set as per Soecification and direction etc., complete and as per the directions of the Engineer-in-charge of the work	No.	850.00	
2	35	Transportation of pumping machineries etc., complete and as per the directions of the Engineer-in-charge of the work	No.	900.00	
3	35	Labour charges (over hauling) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	550.00	
4	10	**A) Repairs to Motor:** Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. etc., complete and as per the directions of the Engineer-in-charge of the work 12.50 HP	No.	4787.00	
5	25	15.00 HP	N.	5225.00	
6	35	Starter (with one year Guarantee) **P No. 55 / I No. 10.3.3 PRED SR (2012-13)**	No.	5050.00	
7	35	Rotor (with one year Guarantee) **P No. 55 / I No. 10.3.6) PRED SR (2012-13)**	No.	4700.00	
8	850	Pump Bowls **P No. 44 / I No. 10.2.1) APRED SR (2010-11)**	No.	650.00	
9	35	Intermediate Piece (I.P) With IP Leaded Bronxe bush **P No. 44 / I No. 10.2.2) APRED SR (2010-11)**	No.	450.00	
10	35	Upper Flange **P. No. 56 / I No. 10.3.7 PRED SR (2012-13)**	No.	350.00	
11	35	Lower Housing **P. No. 56 / I No. 10.3.10 PRED SR (2012-13)**	No.	650.00	
12	35	Carbon Housing **P. No. 56 / I No.10.3.12 PRED SR (2012-13)**	No.	475.00	
13	35	Thrust bearing block assembly complete with Segment bearing pad.**P. No. 55 / I No.10.3.13 PRED SR (2012-13)**	No.	1150.00	
14	35	**C) Replacement of pump parts:** The following main components of submersible pump sets requiring replacement. Oil Seal P. No. 54 / I No.10.2.3 PRED SR (2012-13)	No.	125.00	
15	35	Oil Seal Steel Bush **P. No. 54 / I No. 10.2.4 PRED SR (2012-13)**	No.	150.00	

Sl. No.	Approved Quantity	Description	Unit	Rates	
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16	00	Guide vane **P. No. 54 / I No. 10.2.5 PRED SR (2012-13)**	No.	175.00	
17	80	Impeller Shell moulded with aluminium Bronze) **P. No. 54 / I No. 10.2.6 PRED SR (2012-13)**	No.	425.00	
18	35	Discharge outlet (D.O) Bearing D.O Steel Bush **P. No. 55 / I No. 10.2.7 PRED SR (2012-13)**	No.	445.00	
19	35	D.O Bearing **P. No. 44 / I No. 10.2.7 PRED SR (2010-11)**	No.	250.00	
20	700	Steel Bush **P. No.55 / I No. 10.2.9 PRED SR (2012-13)**	No.	150.00	
21	150	Allen Screw **P. No.44 / I No. 10.2.9 RDPR SR (2010-11)**	No.	25.00	
22	35	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) **P. No. 55 / I No. 10.2.11 PRED SR (2012-13)**	No.	950.00	
23	35	Pump Key (Stainless Steel) **P. No. 45 / I No. 10.2.11 RDED SR (2010-11)**	No.	125.00	
24	35	Pump Couping (Stainless Steel) **P. No. 44 / I No. 10.2.12 RDED SR (2010-11)**	No.	250.00	
25	35	Non – return valve (NRV) assembly complete with rubber 'O' Ring **P. No. 55 / I No. 10.2.14 PRED SR (2012-13)**	No.	1350.00	
26	35	Cable Guard **P. No. 55 / I No. 10.2.15 PRED SR (2012-13)**	No.	150.00	
27	35	Strainer **P. No. 45 / I No. 10.2.15 RDED SR (2010-11)**	No.	150.00	
28	35	Brass Filter **P. No. 55 / I No. 10.2.17 PRED SR (2012-13)**	No.	250.00	
29	35	Labour Chargesw (Over Hauling Only) **P. No. 45 / I No. 10.2.18 PRED SR (2010-11)**	No.	450.00	
30	35	Re-erection charges of pumping machineries including overhauling and pointing **P. No. 56 / I No. 10.3.20 PRED SR (2012-13)**	Each	950.00	
31	40	Lock Ring **P. No. 45 / I No. 10.3.11 PREC SR (2010-11)**	Each	75.00	
32	35	a) Carbon Housing **P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)**	Each	450.00	
33	35	Top Carbon/Ferrodo padding **P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)**	Each	75.00	
34	150	Stud and Nuts **P. No. 45 / I No. 10.3.15 PRED SR (2010-11)**	Each	50.00	
35	35	Bearing (Gunmetal) Centrifugal) Cast Aluminium Bronxe, Beaing bush **P. No. 46 / I No. 10.3.16 APRDED SR (2010-11)**	Each	375.00	
36	100	Circillps **P. No. 45 / I No. 10.3.17 PREC SR (2010-11)**	Each	50.00	
37	35	Motor Base With Pin **P. No. 46 / I No. 10.3.18 ARDED SR (2010-11)**	Each	450.00	

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Sl. No.	Approved Quantity	Description	Unit	Rates	
				In Figures	In Words
38	2	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 20 stage. **SE RDED Approved Rate PWD SR 2013-14 P. XXXXIII Sl No. 33 Kirloskar Pumps including of all taxes**	No	75541.17	
39	2	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No.	14800.00	
40	44000.00	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm	0.34	
41	800.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) **4 Sqm mm of 56 strands 0.3mm dia Group - A KPWD Electrical SR 2010-11**	Mtr	185.00	
42	75.00	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve. (PWD SR 13-14, P.NO.XXIV, Sl.no, 673)	No	1696.00	
43	105.00	Providing and fixing of 50mm GI bend to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No	232.14	
44	120.00	Providing and fixing of 50mm GI Nipple to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No	110.56	
45	120.00	Providing and fixing of 50mm GI union to the motor ((PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No	237.12	

Sl. No.	Approved Quantity	Description	Unit	Rates	
				In Figures	In Words
46	472.50	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 5, I.NO - 2.4, PWD SR 13-14)	Cum	223.66	
47	1400.00	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete (P.NO - 102, I.NO - 13.73.1, PWD SR 13-14)	Mtr	352.98	
48	472.50	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 13-14)	Cum	59.36	
49	32	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) **50mm** nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3 **P. 97 / I.13.37 PWD SR - 2012-13**	Each	1582.58	

Signature of the Contractor

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

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Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara Pr
Bangalore 92